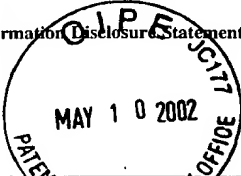


Form PTO 1449	ATTY. DOCKET NUMBER TCOM-0002-1	SERIAL NUMBER 09/988,219
U.S. Department of Commerce Patent and Trademark Office	RECEIVED MAY 13 2002 Technology Center 2600	
Information Disclosure Statement by Applicant		
	APPLICANT THOMAS <i>et al.</i>	
	FILING DATE November 19, 2001	GROUP 2661 2857

U.S. Patent Documents

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
m/b	6,324,159	11-27-01	Mennekens, <i>et al.</i>	370	203	
m/b	6,282,231	08-28-01	Norman, <i>et al.</i>	375	144	
m/b	6,256,336	07-03-01	Rademacher, <i>et al.</i>	375	140	
m/b	6,222,828	04-24-01	Ohlson <i>et al.</i>	375	320	
m/b	6,131,013	10-10-00	Bergstrom, <i>et al.</i>	455	63.1	
m/b	6,127,973	10-03-00	Choi, <i>et al.</i>	342	378	
m/b	6,002,727	12-14-99	Uesugi	375	346	

Foreign Patent Documents

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO

Other Documents (Including Author, Title, Date Pertinent Pages, Etc.)

m/b	Behrens, R.T., L.L. Scharf, "Parameter Estimation in the Presence of Low-Rank Noise", Proceedings of the Twenty-second Asilomar Conference on Signals, Systems, and Computers, Pacific Grove, CA, November 1988.
m/b	Best, Roland E., Phase Locked Loops: Design, Simulation, and Applications, 4 th edition, McGraw Hill.
m/b	Cheng U., et. al., "Spread-Spectrum Code Acquisition in the Presence of Doppler shift and data modulation", IEEE Transactions on Communications Vol. 38, No. 2, February 1990.
m/b	Duel-Hallen, Alexandra, "Decorrelating decision-feedback multiuser detector for synchronous code-division multiple-access channel", IEEE Trans. Commun., vol. 41, no. 2, pp. 285-290, Feb. 1993.
m/b	Garg, V.K. et al., "Wireless and Personal Communications Systems", Prentice-Hall, 1996.
m/b	Iltis, Ronald A., et. al., MultiUser Detection of Quasisynchronous CDMA signals using linear decorrelators", IEEE Transactions on Communications, Vol. 44, No. 11, November 1996
m/b	Kaplan, Elliot D., Editor, Understanding GPS: Principles and Applications, Artech House.
m/b	Kohno, Ryuji and Mitsutoshi Hatori, "Cancellation techniques of co-channel interference in asynchronous spread spectrum multiple access systems", Electronics and Commun. in Japan, vol. 66-A, no. 5, pp. 20-29, May 1983.

m/b	Lupas, Ruxandra and Sergio Verdu, "Linear multiuser detectors for synchronous code-division multiple-access channels", IEEE Trans. Info. Theory, vol. 35, no. 1, pp. 123-136, Jan. 1989.
m/b	Lupas, Ruxandra and Sergio Verdu, "Near-far resistance of multiuser detectors in asynchronous channels", IEEE Trans. Common., vol. 38, no. 4, pp. 496-508, Apr. 1990.
m/b	Mitra U., et. al., "Adaptive Decorrelating Detectors for CDMA systems", Accepted for publication in the Wireless Personal Communications Journal, May 1995
m/b	Mitra U., et. al., "Adaptive Receiver algorithms for Near-Far Resistant CDMA", To appear in IEEE Transaction on Communications, April 1995
m/b	Price, R. and Green, P. E., Jr. "A Communication Technique for Multipath Channels," Proc IRE, vol. 46, pp. 555-570, March, 1958.
m/b	Rappoport, T.S., "Wireless Communications, Principles and Practice", Prentice-Hall, 1996.
m/b	Scharf L.L., B. Friedlander, "Matched Subspace Detectors," IEEE Trans Signal Proc SP-42:8, pp. 2146-2157 (August 1994).
m/b	Scharf, L.L., Statistical Signal Processing: Detection, Estimation, and Time Series Analysis, Addison-Wesley Publishing Co., 1991.
m/b	Schlegel, C. et. al., "Coded Asynchronous CDMA and its Efficient Detection", IEEE Transactions on Information Theory, Vol. 44, No. 7, November 1998.
m/b	Schlegel, C. et. al., "Projection Receiver: A New Efficient Multi-User Detector", IEEE 1995.
m/b	Schlegel, C., Zengjun Xiang, "A new projection receiver for coded Synchronous Multi-User CDMA Systems".
m/b	Schneider, Kenneth S., "Optimum detection of code division multiplexed signals", IEEE Trans. Aerospace and Electronic Systems, vol. AES-15, no. 1, pp. 181-185, Jan. 1979.
m/b	Stimson, G.W., "An Introduction to Airborne Radar", SciTech Publishing Inc., 1998.
m/b	Verdu, Sergio, "Minimum probability of error for asynchronous Gaussian multiple-access channels", IEEE Trans. Info. Theory, vol. IT-32, no. 1, pp. 85-96, Jan. 1986.
m/b	Viterbi, A.J., "CDMA, Principles of Spread Spectrum Communication", Addison Wesley, 1995.
m/b	Viterbi, Andrew J., "Very low rate convolutional codes for maximum theoretical performance of spread-spectrum multiple-access channels", IEEE J. Select. Areas Common., vol. 8, no. 4, pp. 641-649, May 1990.
m/b	B. Widrow, S. Stearns, Adaptive Signal Processing, Prentice-Hall, Signal Processing Series, (1985).
m/b	Xie, Zhenhua, Robert T. Short and Craig K. Rushforth, "A family of suboptimum detectors for coherent multiuser communications", IEEE J. Select. Areas Common., vol. 8, no. 4, pp. 683-690, May 1990.
m/b	Zheng, Fu-Chun, et. al., "On the performance of Near-Far Resistant CDMA Detectors in the Presence of Synchronization Errors", IEEE Transactions on Communications, Vol. 43, No. 12, November 1995.
EXAMINER	DATE CONSIDERED
<i>Michael J. K...</i>	12/4/03
<p>EXAMINER: Initial if citation is considered, whether or not citation is in conformance with MPEP 609; draw a line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant</p>	